





**NEISSERIA  
GONORRHOEAE**



**ACINETOBACTER  
BAUMANNII**



**STAPHYLOCOCCUS  
AUREUS (MRSA)**



**BURKHOLDERIA  
CEPACIA**



**PSEUDOMONAS  
AERUGINOSA**



**CLOSTRIDIUM  
DIFFICILE**



**ESCHERICHIA  
COLI (E.COLI)**



**MYCOBACTERIUM  
TUBERCULOSIS**



**KLEBSIELLA  
PNEUMONIAE**



**STREPTOCOCCUS  
PYOGENES**

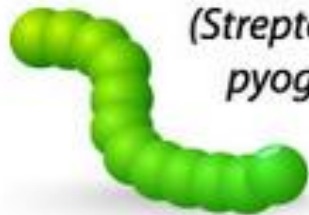


# BACTERIA SHAPES

## SPHERES (COCCI)

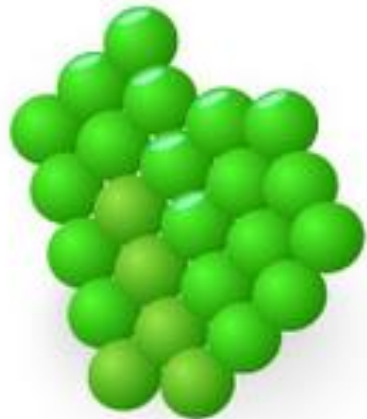


**Diplococci**  
(*Streptococcus pneumoniae*)



**Streptococci**  
(*Streptococcus pyogenes*)

**Tetrad**

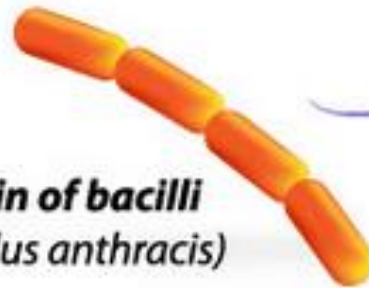


**Staphylococci**  
(*Staphylococcus aureus*)

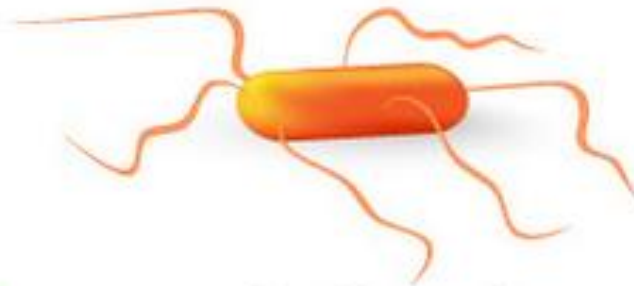


**Sarcina**  
(*Sarcina ventriculi*)

## RODS (BACILLI)



**Chain of bacilli**  
(*Bacillus anthracis*)



**Flagellate rods**  
(*Salmonella typhi*)



**Spore-former**  
(*Clostridium botulinum*)

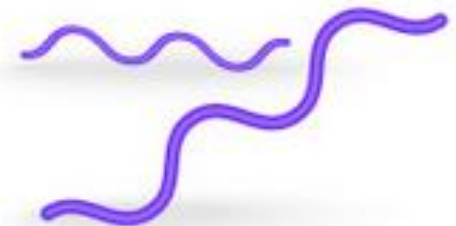
## SPIRALS



**Vibrios**  
(*Vibrio cholerae*)



**Spirilla**  
(*Helicobacter pylori*)



**Spirochaetes**  
(*Treponema pallidum*)

And then there are even smaller and  
more loathsome enemies—

# VIRUSES!

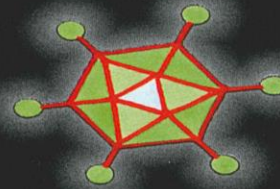
Viruses are about  
100 times smaller  
than bacteria!

Bacterium





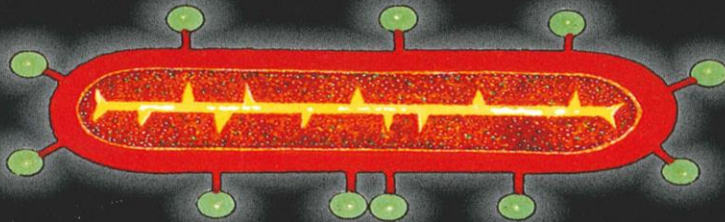
Almost everyone (including you!) will suffer from a virus infection this year. But although viruses can make you feel quite ill, your germ zappers can beat most of them and you will soon feel better.



Conjunctivitis



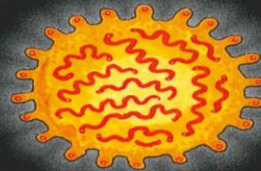
Colds, Measles, and Mumps



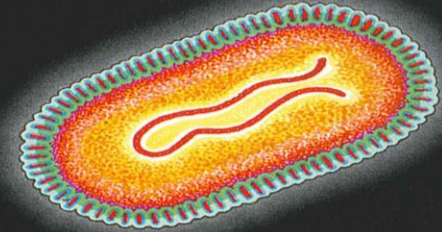
Ebola



Polio and Colds



Influenza



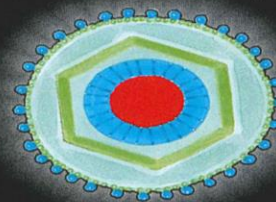
Smallpox (eradicated)



Encephalitis



Gastroenteritis



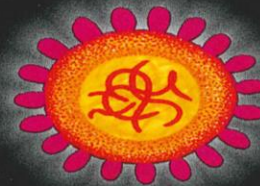
Leukemia



Warts



Diarrhea



Bronchitis



Rubella

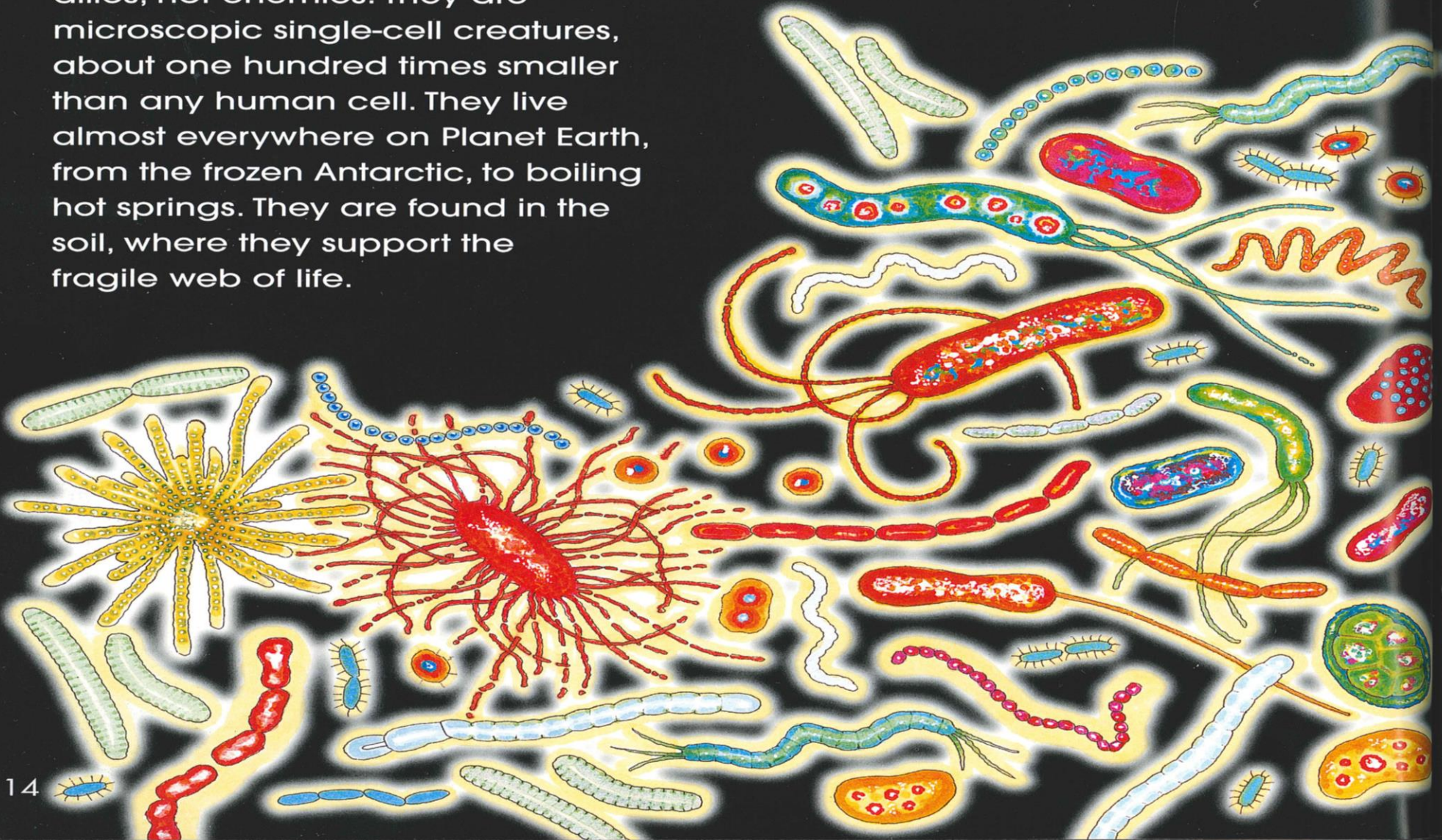
Top of the Pox  
**VIRUS  
CHART**



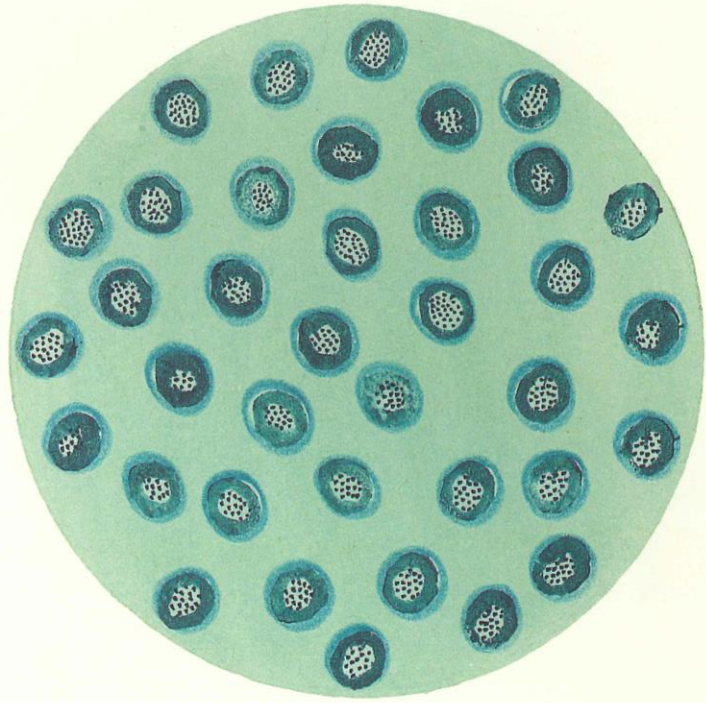
# BACTERIA!

Most bacteria are your friends and allies, not enemies. They are microscopic single-cell creatures, about one hundred times smaller than any human cell. They live almost everywhere on Planet Earth, from the frozen Antarctic, to boiling hot springs. They are found in the soil, where they support the fragile web of life.

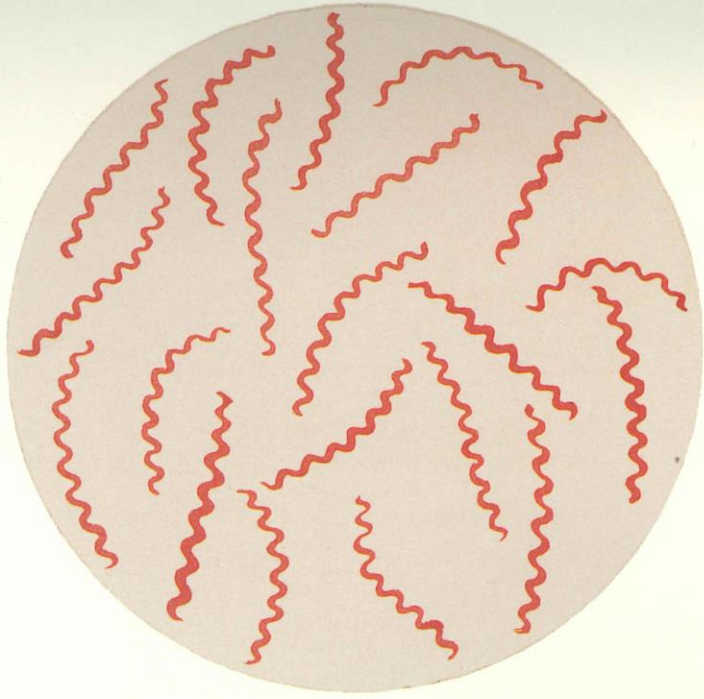
There are even bacteria living inside you. They digest the food that you cannot and make vitamin K, which helps your blood to clot.



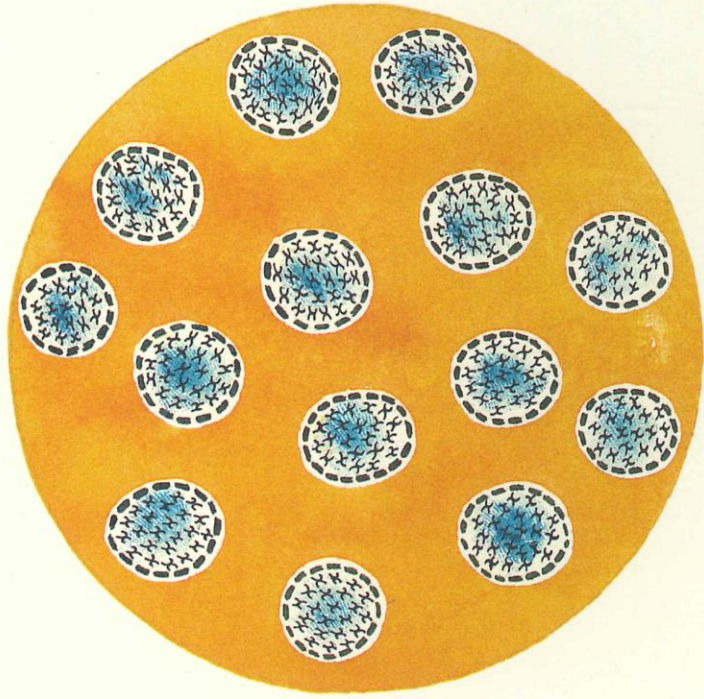




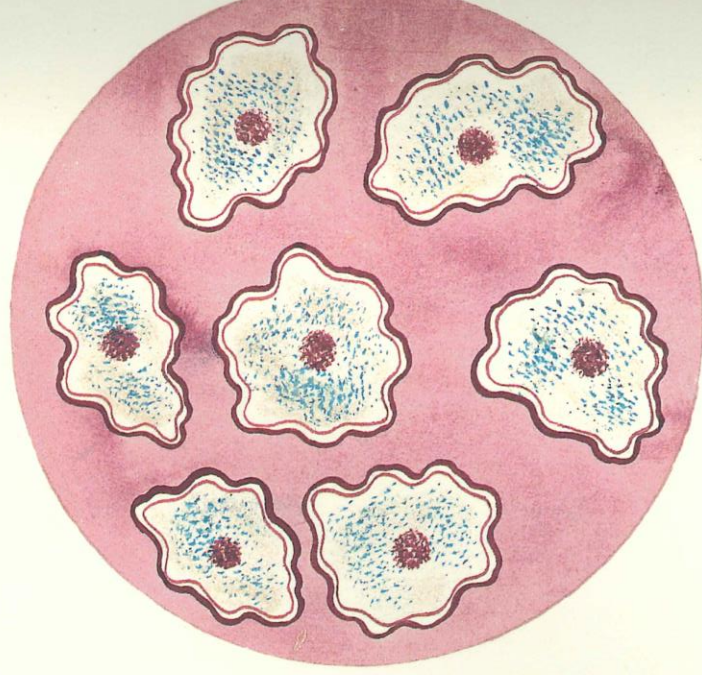
Some microbes are round.



Some are skinny.

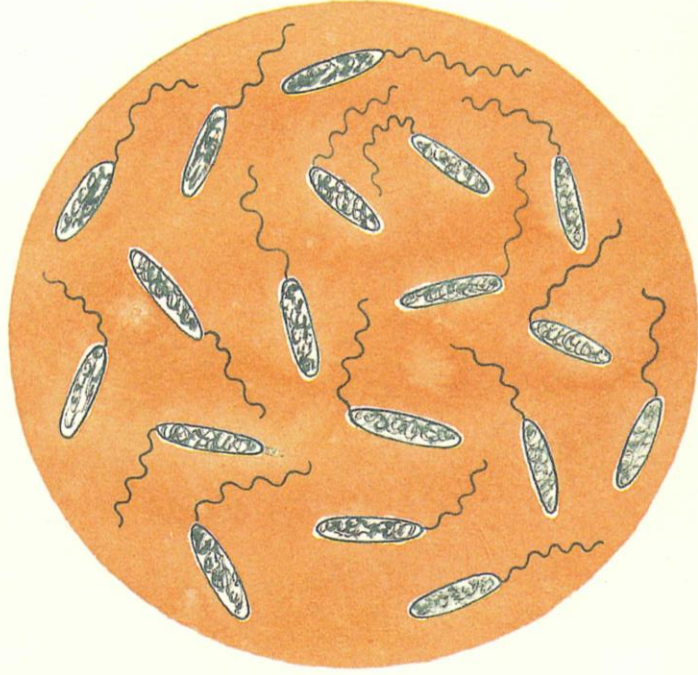


Some look like shells.

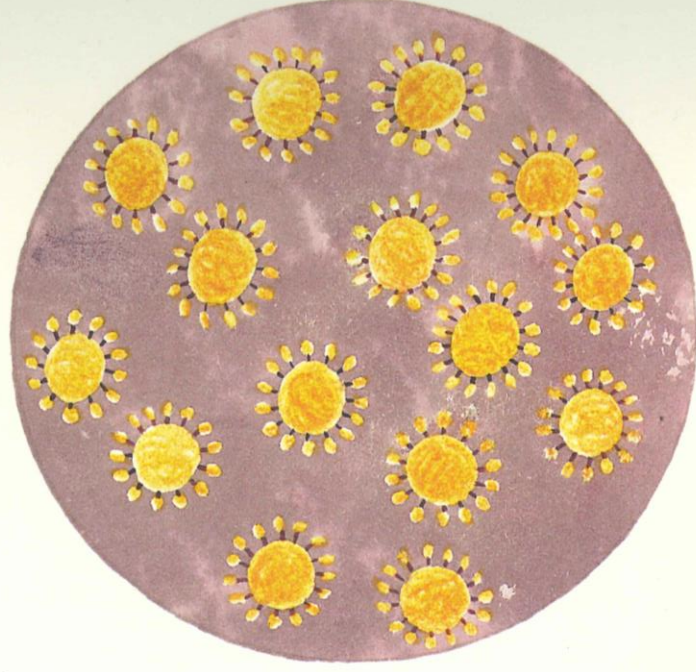


Some are squishy.

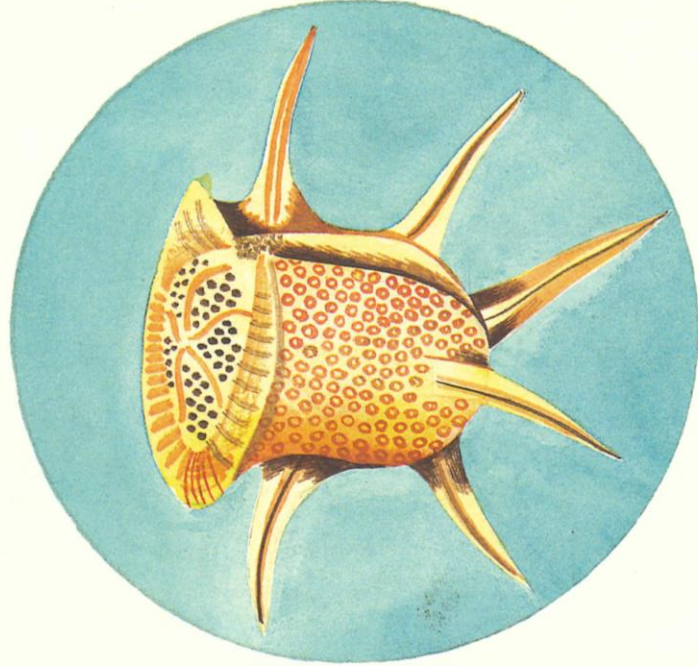




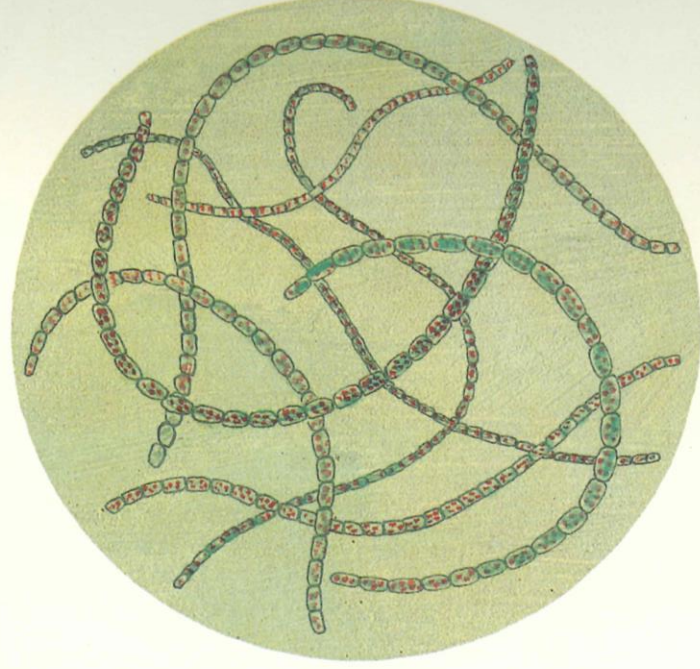
Some have wiggling tails.



Some look like daisies.



Some look like spaceships.



Some look like necklaces.